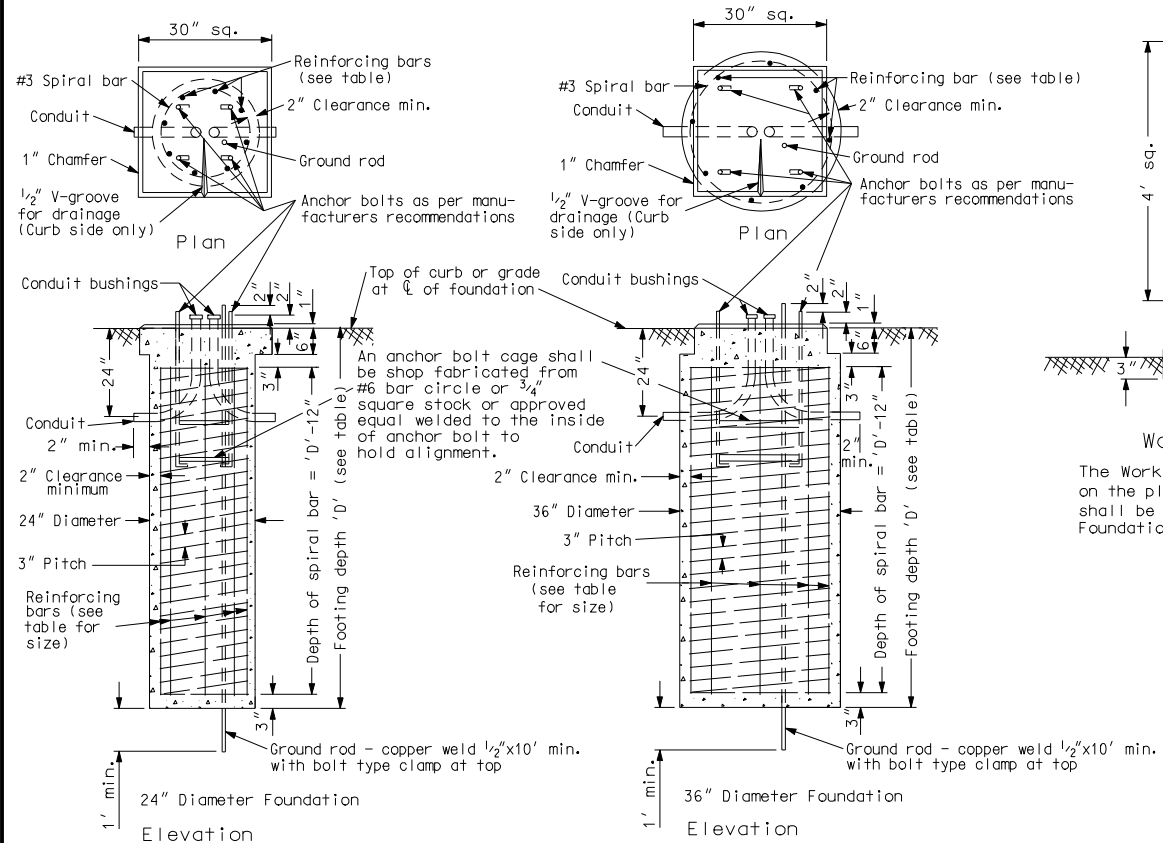


LIGHT & SIGNAL STANDARD FOUNDATION SELECTION TABLE				
Description	Reinforcing Bars Required	Footing Depth "D" 24" Diameter	Reinforcing Bars Required	Footing Depth "D" 36" Diameter
Light Standard				
30'-35' Mounting Height	8- #5	6'	8- #4	5'
36'-44' Mounting Height	8- #5	6'	8- #4	5'
45'-50' Mounting Height	8- #5	8'	8- #4	7'
Combination 30' Mounting Height				
0-25' Signal Mast Arm	8- #6	10'	8- #5	8'
26'-44' Signal Mast Arm	8- #6	10'	8- #5	8'
45'-50' Signal Mast Arm	8- #6	11'	8- #7	9'
Combination 40' Mounting Height				
0-25' Signal Mast Arm	8- #6	10'	8- #5	8'
26'-44' Signal Mast Arm	8- #7	11'	8- #6	9'
45'-50' Signal Mast Arm	8- #8	12'	8- #7	10'
Combination 50' Mounting Height				
0-25' Signal Mast Arm	8- #6	10'	8- #5	9'
26'-44' Signal Mast Arm	8- #8	12'	8- #7	10'
45'-50' Signal Mast Arm	8- #8	13'	8- #7	11'
Type IV Signal Standard	8- #7	10'	8- #6	9'
Type I,II,III,V,VI,&VII Signal Standard	4- #5 ①	4'	4- #5 ①	3'

① No reinforcement is required if the anchor bolts extend to within 3" to 6" above the bottom of the foundation.

All reinforcing steel shall be Grade 40 or 60. If the contractor elects to use a 24" square foundation, the next size smaller reinforcement bars may be substituted for those shown in the table. No substitutions may be made for a 36" square foundation. #4 tie bars may be substituted for the spiral with the bars spaced at an equal space to a maximum of 12" C-C starting with first at the top of the reinforcing and the last at the bottom of the reinforcing. Round tie bars shall have a minimum of 12" lap.



Light & Signal Standard Foundation

CONCRETE FOUNDATIONS  
(TRAFFIC SIGNALS & HIGHWAY LIGHTING)

